

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
**Binie V. Lipps**  
**Frederick W. Lipps**

Serial No.: 09/613,355

Filed: July 11, 2000

For:  
**SYNTHETIC PEPTIDE FOR**  
**NEUROLOGICAL DISORDERS**

§ ATTY DCKT NO: FWLPAT013US

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Art Unit: 1647

Examiner: Turner, Sharon L.

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PO Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action dated June 30, 2003 please amend the above-identified patent application as follows:

Amendments to the claims: begin on page 2

Remarks/Arguments: begin on page 3

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This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Thrice Amended) A composition of matter as in claim 13 wherein the peptide is consisting of a peptide as set forth in SEQ ID NO: 3.

Claims 2-10 (previously cancelled).

Claim 11 (cancelled)

12. (Amended) A composition of matter comprising a peptide consisting of at least the first five amino acids from the N-terminal of SEQ ID NO: 2 and no more than 25 amino acids total.

13. A composition of matter as in claim 12 wherein the peptide contains no more than 15 amino acids total.

14. (Twice Amended) A composition of matter as in claim 13 wherein the peptide is synthetic peptide containing and consists of from 5 to 15 amino acids from the N-terminal of the SEQ. ID NO: 2 and produces which produces an antibody which has a binding affinity to nerve growth factors from human body fluids and human origin eukaryotic cells which is higher than a binding affinity exhibited by an antibody produced in immunological response to a nerve growth factor derived from venom.

Claims 15-19 (cancelled)